

Schedule JG-3

COMPARISON BETWEEN GRAIN BELT PROJECT VS. SPP TO MISO

	SPP Trans Rate PTP Through/Out	Capacity Factor	Contract Price	Congestion		Prices		
			\$/MWh	\$/MWh	\$/MWh	\$/MWh	\$/MWh	
Approximately	\$2880/MW-mo	50.00%	20	2	4	6	8	10
		Energy Generated MWh	Line Losses @ 3%	Congestion	Congestion	Congestion	Congestion	Congestion
60 MW SPP	\$2,073,600	262,800	\$157,680	\$525,600	\$1,051,200	\$1,576,800	\$2,102,400	\$2,628,000
Total Cost				\$2,756,880	\$3,282,480	\$3,808,080	\$4,333,680	\$4,859,280
100 MW SPP	\$3,456,000	438,000	\$262,800	\$876,000	\$1,752,000	\$2,628,000	\$3,504,000	\$4,380,000
Total Cost				\$4,594,800	\$5,470,800	\$6,346,800	\$7,222,800	\$8,098,800
135 MW SPP	\$4,665,600	591,300	\$354,780	\$1,182,600	\$2,365,200	\$3,547,800	\$4,730,400	\$5,913,000
Total Cost				\$6,202,980	\$7,385,580	\$8,568,180	\$9,750,780	\$10,933,380
200 MW SPP	\$6,912,000	876,000	\$525,600	\$1,752,000	\$3,504,000	\$5,256,000	\$7,008,000	\$8,760,000
Total Cost				\$9,189,600	\$10,941,600	\$12,693,600	\$14,445,600	\$16,197,600
60 MW TSA								
Grain Belt Cost	\$1,020,000			\$1,020,000	\$1,020,000	\$1,020,000	\$1,020,000	\$1,020,000
200 MW TSA	\$ 3,400,000			\$ 3,400,000	\$ 3,400,000	\$ 3,400,000	\$ 3,400,000	\$ 3,400,000
Grain Belt Cost								
Total Transmission Cost Savings at 60 MW TSA				\$1,736,880	\$2,262,480	\$2,788,080	\$3,313,680	\$3,839,280
Total Transmission Cost Savings at 200 MW TSA				\$5,789,600	\$7,541,600	\$9,293,600	\$11,045,600	\$12,797,600